

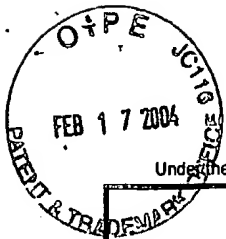
Substitute for form 1449A/PTO (Modified)		Complete if Known			
		Application Number	09/652,284		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	August 31, 2000		
		First Named Inventor	CHOONG, Vi-En		
		Group Art Unit	1639		
		Examiner Name	TRAN, My Chau T.		
Sheet	1	of	6	Attorney Docket Number	A-70203/RMS/RMK/JML (469008-137)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MC	A1	3,934,209	01-20-1976	Valentine et al.	
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	A3	4,683,195	07-28-1987	Mullis et al.	
	A4	4,713,347	12-15-1987	Mitchell et al.	
	A5	4,839,017	06-13-1989	Taniguchi et al.	
	A6	4,920,047	04-24-1990	Giaever et al.	
	A7	4,988,617	01-29-1991	Landegren et al.	
	A8	4,995,960	02-26-1991	Wiles et al.	
	A9	5,001,048	03-19-1991	Taylor et al.	
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	A11	5,126,034	06-30-1992	Carter et al.	
	A12	5,192,507	03-09-1993	Taylor et al.	
	A13	5,202,261	04-13-1993	Musho et al.	
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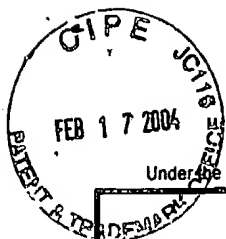
U.S. PATENT DOCUMENTS

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MCF	A32	5,787,032	07-28-1998	Heller et al.	
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	A34	5,849,489	12-15-1998	Heller	
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Sheet 3 of 6				Attorney Docket Number	A-70203/RMS/RMK/JML (469008-137)

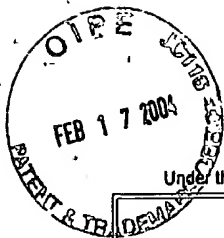
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	A64	6,238,870 B1	05-29-2001	Meade et al.	
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MCE	A90	2003/0003473 A1	01-02-2003	Kayyem et al.	

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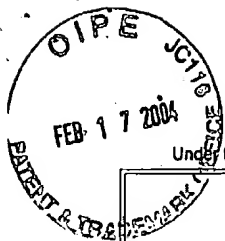
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Sheet	4	of	6		

FOREIGN PATENT DOCUMENTS						
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MCC	B1	EP 0 213 825 A2	03-11-1987	Molecular Devices Corporation		
	B2	EP 0 226 470 A2	06-24-1987	Unilever PLC		
	B3	EP 0 238 166	09-23-1987	Nippon Paint Co. Ltd.		
	B4	EP 0 372 911 A2(A3)	06-13-1990	Chirana Zavody Zdravotnicke		
	B5	EP 0 543 550 A1	05-26-1993	Houston Advanced Research Center		
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	B8	WO 93/16383 A1	08-19-1993	Scientific Generics Ltd.		
	B9	WO 95/29199 A1	11-02-1995	Bio Merieux		
	B10	WO 96/06946 A1	03-07-1996	Igen Inc.		
	B11	WO 96/15450 A1	05-23-1996	David Sarnoff Research Center		
	B12	WO 96/15576 A1	05-23-1996	David Sarnoff Research Center		
	B13	WO 96/39252 A1	12-12-1996	David Sarnoff Research Center		
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	B16	WO 97/27324 A1	07-31-1997	David Sarnoff Research Center		
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	B19	WO 98/05424 A1	02-12-1998	Caliper Technologies Corporation		
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	B21	WO 98/49557 A1	11-05-1998	B-E Safe Inc.		
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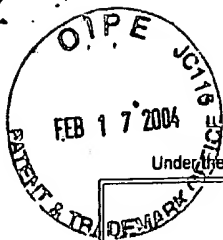
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MC	B29	WO 00/38836 A1	07-06-2000	Clinical Micro Sensors		
	B30	WO 00/77523 A1	12-21-2000	Motorola Inc.		
	B31	WO 01/42508 A2	06-14-2001	Motorola Inc.		
	B32	WO 01/43870 A2	06-21-2001	Motorola Inc.		
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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MC	C1	BARD, A., et al. (eds.), "Controlled-Current Techniques," <i>Electrochemical Methods</i> , pp. 316-353, John Wiley & Sons, Inc.: New York, NY (2001).		1
	C2	BEATTIE, K., et al., "Genosensor Technology", <i>Clin. Chem.</i> 39(4):719-722 (1993).		
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	C6	GARNER, B., et al., "Polypyrrole-heparin composites as stimulus-responsive substrates for endothelial cell growth," <i>J. Biol. Materials Res.</i> 44(2):121-129 (Feb. 1999).		
	C7	GUSCHIN, D., et al., "Oligonucleotide Microchips as Genosensors for Determinative and Environmental Studies in Microbiology," <i>Applied Environ. Microbiol.</i> 63(6):2397-2402 (Jun. 1997).		
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↓	C11	LIVACHE, T., et al., "Polypyrrole DNA Chip on a Silicon Device: Example of Hepatitis C Virus Genotyping," <i>Anal. Biochem.</i> 255(2):188-194 (Sep. 1998).		
MC	C12	MILLAN, K., et al., "Sequence-Selective Biosensor for DNA Based on Electroactive Hybridization Indicators," <i>Anal. Chem.</i> 65(17):2317-2323 (Sep. 1993).		1

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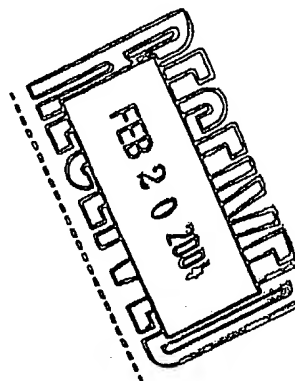
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		Application Number	09/652,284		
		Filing Date	August 31, 2000		
		First Named Inventor	CHOONG, Vi-En		
		Group Art Unit	1639		
		Examiner Name	TRAN, My Chau T.		
Sheet	6	of	6	Attorney Docket Number	A-70203/RMS/RMK/JML (469008-137)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	²
MC	C13	PÉREZ, F., et al., "Immunomagnetic Separation with Mediated Flow Injection Analysis Amperometric Detection of <i>Escherichia coli</i> 0157," <i>Anal. Chem.</i> 70(11):2380-2386 (Jun. 1998).	
	C14	PREZYNA, L., et al., "Interaction of Cationic Polypeptides with Electroactive Polypyrrole/Poly(Styrene Sulfonate) and Poly(N-Methylpyrrole)/Poly(Styrenesulfonate) Films," <i>Synthetic Metals</i> , 41(3):979-981 (1991).	
	C15	SARGENT, A., et al., "The Electrochemistry of Antibody-Modified Conducting Polymer Electrodes," <i>J. Electroanalytical Chem.</i> 470(2):144-156 (Jul. 1999).	
	C16	SAWYER, D.T., et al. (eds.), "Reference Electrodes for Use in Aqueous Solutions," <i>Electrochemistry for Chemists</i> , 2 nd ed., pp.188-189, John Wiley & Sons, Inc.: New York, NY (1995).	
	C17	TURYAN, I., et al., "Patterning and Characterization of Surfaces with Organic and Biological Molecules by the Scanning Electrochemical Microscope," <i>Anal. Chem.</i> 72(15):3431-3435 (Aug. 2000).	
✓	C18	ULMAN, A., et al., "Self-assembled monolayers of rigid thiols," <i>Rev. Molecular Biotechnol.</i> 74(3):175-188 (2000).	
MS	C19	YANG, M., et al., "Genosensor technology and the detection of interfacial nucleic acid chemistry," <i>Anal. Chim. Acta.</i> 346(3):259-275 (Jul. 1997).	



Examiner Signature		Date Considered	10/27/04
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